IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANTS: Michael J. Borden and Jason F. Shepherd

SERIAL NO.:   Unknown   GROUP NO.

FILED: *6/23/03*   EXAMINER:

FOR: Method of Modifying a Volume Mesh Using Sheet Insertion

Assistant Commissioner for Patents
Washington, D.C. 20231

June 23, 2003

INFORMATION DISCLOSURE STATEMENT

The following sections are being submitted for this Information Disclosure Statement:

1. Preliminary Statements

     Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

     The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.
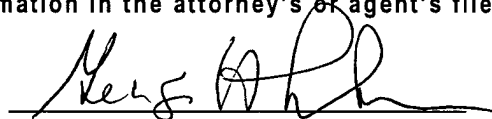
     The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

2. Form PTO - 1449 (Modified).

3. The person making this statement is the attorney or agent who signs below on the basis of the information supplied by the inventor(s) and the information in the attorney's or agent's file.

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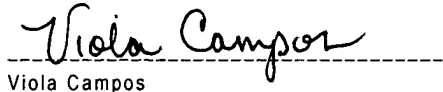
Phone: (505)844-7644
FAX: (505) 844-1418

George H. Libman
Patent Attorney, Reg. No. 27,984
Sandia National Laboratories
Patent and Licensing Center, 11500
P. O. Box 5800 / MS 0161
Albuquerque, New Mexico 87185-0161

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U. S. Postal Service on the date shown below as Express Mail No. EV332387111US in an envelope addressed to the: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: *6/23/03*

Viola Campos

Form PTO-1449	ATTY DOCKET NO. SD-6997	APPLICATION NO. NEW
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	APPLICANT Michael J. Borden, et al	
	FILING DATE	GROUP Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US5,768,156		1998-06-16	TAUTGES et al.			

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	Michael J. Borden, "Modification of All-Hexahedral Finite Element Meshes by Dual Sheet Insertion and Extraction," M.S. thesis, Brigham Young University, August 2002.
	Murdoch, Benzley, Blacker, Mitchell, "The spatial twist continuum: A connectivity based method for representing all-hexahedral finite element meshes." Finite Elements in Analysis and Design 28 (1997) 137-149, containing background information on whisker weaving and the spatial twist continuum.
	Knupp, Mitchell, "Integration of Mesh Optimization with 3D All-Hex mesh Generation," Sandia national Laboratories, SAND99-2852, November 1999, background on 3D mesh generation.
	Folwell and Mitchell, "Reliable Whisker Weaving via Curve Contraction," paper on the 3D problem. (9 pages) Whisker weaving is not working, but the paper demonstrates a need for research in the 2D and 3D areas. Surface Splicing successfully addresses the 2D problem.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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